

LIGHT EQUIPMENT MECHANIC I*Class Definition*

Under close supervision, maintains and repairs automotive equipment including City cars, pickups and other light vehicles and equipment.

Distinguishing Characteristics

Light Equipment Mechanic I is an entry level class for candidates qualified to learn the duties of a Light Equipment Mechanic II. Used in the Fleet Management Division of the Department of Administrative Services, incumbents apply previously acquired mechanical skills while learning the special skills required to maintain automotive and light mechanical equipment. While in this class, incumbents will not achieve permanent status within the classified service, as defined in Fresno Municipal Code Section 2-1601.1(p)(5).

This class differs from Light Equipment Mechanic II in that the latter is the journey level class in which incumbents are experienced in the diagnosis, maintenance and repair of automotive and light mechanical equipment. It differs from Equipment Service Worker II in that incumbents of the latter perform routine and more repetitive maintenance duties. This series differs from the Heavy Equipment Mechanic series in that the focus of the latter is on heavy equipment maintenance and repair. It differs from the Bus Mechanic series in that the focus of the latter is on the repair of buses and related transit equipment.

Typical Tasks

(This list is neither inclusive nor exclusive. Consequently, this information may not reflect Essential Functions for this class.)

Performs regularly scheduled maintenance on automotive equipment, such as oil, filters and fluid changes.

Performs tune-ups and sub-systems adjustments.

Performs minor repairs and replaces components on City trucks, pickups, and other light vehicles and related equipment.

Learns the disassembly, reassembly, removal, installation, overhaul and repair of automotive engines and transmissions.

Learns the maintenance and repair of air, hydraulic and electric brake systems.

Responds to road calls to repair automotive and mechanical equipment.

Tests and inspects automotive engines, transmissions, electrical systems, air compressors and other sub-systems.

Learns to install, repair, and replace ignition systems, transmissions and other parts.

Learns to diagnose malfunctioning automotive engines, transmissions and related sub-systems.

Learns to disassemble and overhaul internal combustion engines, pumps, generators, transmissions, clutches and rear ends.

Performs related duties as required.

Knowledge, Abilities, and Skills

Knowledge of the methods, materials, and equipment used in the diagnosis, maintenance and repair of automotive engines, transmissions, electrical systems, air compressors and other sub-systems.

Knowledge of the operating principles of automotive engines and engine driven sub-systems.

Knowledge of the occupational hazards and safety precautions of the trade.

Ability to learn to diagnose malfunctioning mechanical systems and related sub-systems.

Ability to understand and carry out written and oral instructions.

Skill in the proper use of the tools and equipment used in automotive maintenance and repair.

Minimum Qualifications

One year of experience as an Equipment Service Worker II with the City of Fresno and possession of valid certification by the National Institute for Automotive Service Excellence (ASE) in the following automobile service areas: Engine Repair, Brakes, and Electrical Systems.

Special Requirement

Possession of a valid Class C California Driver's License will be required.

After one year of experience, a Light Equipment Mechanic I may be promoted to Light Equipment Mechanic II upon the recommendation of the appointing authority and possession of valid ASE certification in the following automobile service areas: Engine Repair, Brakes, Electrical Systems, Suspension and Steering, Heating and Air Conditioning, and Engine Performance. An incumbent must obtain this certification within 18 months following appointment, or he/she will revert to the class of Equipment Service Worker II.

APPROVED: _____

Director

DATE: _____